

L5 ANSWER 1 OF 1 WPIDS COPYRIGHT 1999 DERWENT INFORMATION LTD
 AN 1992-400703 [49] WPIDS
 DNC C1992-177709
 TI New 4-(-(2-hydroxy-2-phenyl ethylamino) ethoxy) phenyl acetic acid - is
 beta 3-adrenoceptor agonist, hyperlipidaemia, atherosclerosis,
 inflammatory bowel disease etc..
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 IN HOLLOWAY, B R; HOWE, R; RAO, B S; HOLLAWAY, B R; BALBIR, S R
 PA (ZENE) ZENECA LTD; (ICIL) IMPERIAL CHEM IND PLC
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 PI EP-----516349 A2 19921202 (199249)* EN 20p
 R: AT BE CH DE DK ES FR GB GR IT LI LU MC NL PT SE
 AU---9217044 A 19921203 (199304)
 NO---9202113 A 19921130 (199305)
 BR---9202002 A 19930112 (199306)
 CA---2068377 A 19921129 (199308)
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 CS---9201592 A2 19921216 (199317)
 HU-----62256 T 19930428 (199322)
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 ZA---9203356 A 19930526 (199327) 40p
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 US---5393779 A 19950228 (199514) 11p
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 R: AT BE CH DE DK ES FR GB GR IT LI LU MC NL PT SE
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19920526; EP---516349 A3 1992EP-0304653 19920522; AU---652826 B
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4-(2-(2-Hydroxy-2-phenylethylamino)ethoxy)-phenylacetic acid of formula
(I), its bioprecursors and its salts are new.

USE - (I) is a beta 3-adrenoceptor agonist and produces a thermogenic
effect. (I) is useful for treating obesity and related conditions such as
mature onset diabetes associated with obesity. Dose is 0.002-20 (pref.
0.5-5)mg/kg/day. Also (i) improves glucose tolerance and have
hypoglycaemic activity and can be used to treat non-insulin dependent
diabetes mellitus (NIDDM), and conditions where insulin resistance is
important, e.g., hypertension, hyperlipidaemia and decreased fibrinolysis
(Reaven's syndrome or Syndrome X); (ii) lowers triglyceride and
cholesterol levels and raises high density lipoprotein (HDL) levels and
can be used to treat hypertriglyceridaemia, hypercholesterolaemia and
conditions of low HDL levels, and atherosclerotic disease (opt. in
combination with other antiatherosclerotic agents such as fibrates,
HMG-CoA reductase inhibitors, cholesterol absorption inhibitors, acyl
CoA:cholesterol acyltransferase inhibitors, anion exchange resins,
nicotinic acid or its derivs., vitamin E or thyromimetics); and (iii)
stimulates the 'atypical' beta-adrenoceptors in the gastrointestinal tract
and so inhibit gastrointestinal motility and can be used to treat, e.g.,
inflammatory bowel disease, (e.g., Crohns disease and ulcerative colitis),
irritable bowel syndrome, non-specific diarrhoea and dumping syndrome.

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ABEQ ZA 9203356 A UPAB: 19931116

4-(2-(2-Hydroxy-2-phenylethylamino)ethoxy)-phenylacetic acid of formula
(I), its bioprecursors and its salts are new.

Use - (I) is a beta 3-adrenoceptor agonist and produces a thermogenic
effect. (I) is useful for treating obesity and related conditions such as
mature onset diabetes associated with obesity. Dose is 0.002-20 (pref.
0.5-5) mg/kg/day. Also (i) improves glucose tolerance and have
hypoglycaemic activity and can be used to treat non-insulin dependent
diabetes mellitus (NIDDM), and conditions where insulin resistance is
important, e.g., hypertension, hyperlipidaemia and decreased fibrinolysis
(Reaven's syndrome or Syndrome X); (ii) lowers triglyceride and
cholesterol levels and raises high density lipoprotein (HDL) levels and
can be used to treat hypertriglyceridaemia, hypercholesterolaemia and
conditions of low HDL levels, and atherosclerotic disease (opt. in
combination with other antiatherosclerotic agents such as fibrates,
HMG-CoA reductase inhibitors, cholesterol absorption inhibitors, acyl
CoA:cholesterol acyltransferase inhibitors, anion exchange resins,
nicotinic acid or its derivs., vitamin E or thyromimetics); and (iii)
stimulates the 'atypical' beta-adrenoceptors in the gastrointestinal tract

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and so inhibit gastrointestinal motivity and can be used to treat, e.g., inflammatory bowel disease (e.g. Crohns disease and ulcerative colitis), irritable bowel syndrome, non-specific diarrhoea and dumping syndrome.

ABEQ US 5393779 A UPAB: 19950412

4-(2-(2-hydroxy-2-phenylethylamino)ethoxy)phenylacetic acid of formula (I), bioprecursors esp. esters and amides., and salts are new.

Cpds. of formula (II), R3 = 1-6C alkoxy are pref.

Specifically claimed cpds. include (R)-4-(2-(2-hydroxy-2-phenylethylamino)ethoxy)-phenyl acetic acid.

USE - (I) are beta2-adrenoreceptor agonists with thermogenic and hypoglycaemic action used to treat obesity, diabetes, hypertension, hyperlipidaemia and decreased fibrinolysis.

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ABEQ US 5434184 A UPAB: 19950904

Treatment of diseases mediated through 3-adrenoceptors comprises admin. of a 4-(2-(2-hydroxy-2-phenylethylamino)phenyl)acetic acid of formula (I), bioprecursors or salts. (I) stimulates thermogenesis and improves glucose tolerance.

USE - Used in the treatment of obesity, mature onset diabetes, NIDDM, hypertension and/or hyperlipidemia, hypertriglyceridemia, hypercholesterolemia, atherosclerosis and low HDL levels. Dosage is e.g. 0.002-20 (0.5-5) mg/kg/day.

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ABEQ EP 516349 B UPAB: 19951026

A compound of the formula (I), or a bioprecursor or a pharmaceutically acceptable salt thereof.

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ABEQ US 5480910 A UPAB: 19960222

A method of inhibiting gastrointestinal motility by administering a pharmaceutically effective amount of a compound of the formula $C_6H_5-CH(OH)CH_2NHCH_2CH_2O-p-C_6H_4-CH_2COOH$ (I) or a bio-precursor or a pharmaceutically acceptable salt thereof to a patient in need thereof.

Dwg.0/0